

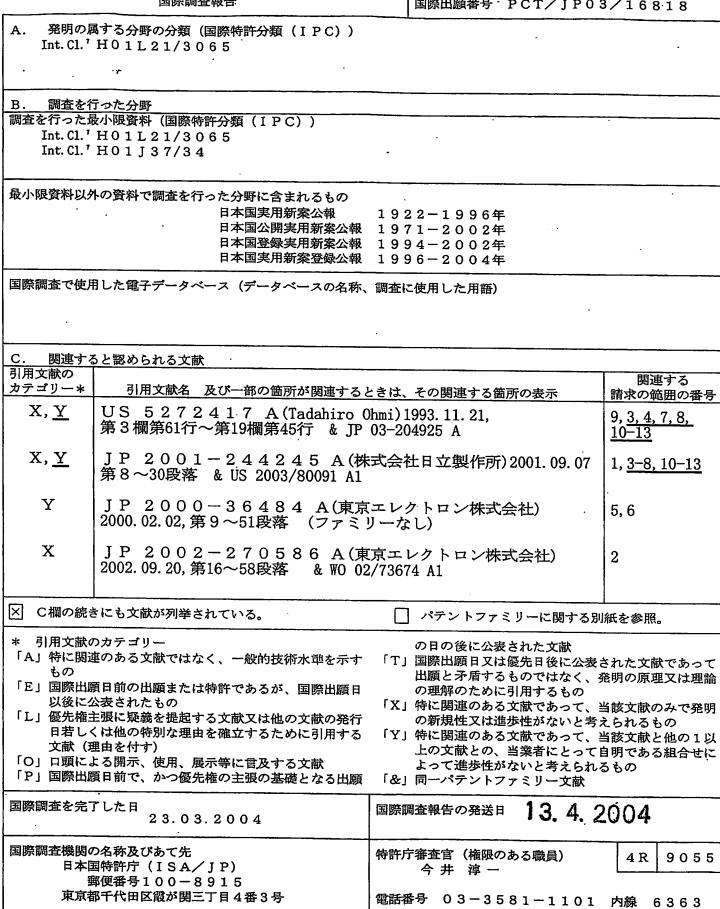
## International application No. PCT/JP03/16818

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl <sup>7</sup> H01L21/3065					
According to International Patent Classification (IPC) or to both national classification and IPC					
	SSEARCHED				
Minimum documentation searched (classification system followed by classification symbols) Int.Cl <sup>7</sup> H01L21/3065, H01J37/34					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922–1996 Toroku Jitsuyo Shinan Koho 1994–2002 Kokai Jitsuyo Shinan Koho 1971–2002 Jitsuyo Shinan Toroku Koho 1996–2004					
Electronic d	ata base consulted during the international search (name	e of data base and, where practicable, sear	ch terms used)		
C. DOCUI	MENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.		
Х, <u>Ү</u>	US 5272417 A (Tadahiro OMI), 21 November, 1993 (21.11.93), Column 3, line 61 to column 1 & JP 03-204925 A		9, <u>3,4,7,8,</u> 10-13		
х, <u>ч</u>	JP 2001-244245 A (Hitachi, L 07 September, 2001 (07.09.01) Par. Nos. [0008] to [0030] & US 2003/80091 A1	td.),	1,3-8,10-13		
Y	JP 2000-36484 A (Tokyo Elect 20 September, 2002 (20.09.02) Par. Nos. [0009] to [0051] (Family: none)	ron Ltd.),	5,6		
		•			
	er documents are listed in the continuation of Box C.	See patent family annex.			
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search 23 March, 2004 (23.03.04)  "I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive and considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive and considered to involve an inventive and considered novel or cannot be considered novel or cannot be considered novel or cannot be consi					
Name and mailing address of the ISA/		Authorized officer			
Japanese Patent Office		·			
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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	JP 2002-270586 A (Tokyo Electron Ltd.), 20 September, 2002 (20.09.02), Par. Nos. [0016] to [0058] & WO 02/73674 A1	2
A	JP 05-279877 A (Nisshin Denki Kabushiki Kaisha), 26 October, 1993 (26.10.93), Par. Nos. [0018] to [0056] (Family: none)	1-13





国際出願番号 PCT/JP03/16818

C (続き).				
引用文献の カテゴリー*	引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示	関連する 請求の範囲の番号		
A	JP 05-279877 A(日新電機株式会社)1993.10.26,	1-13		
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